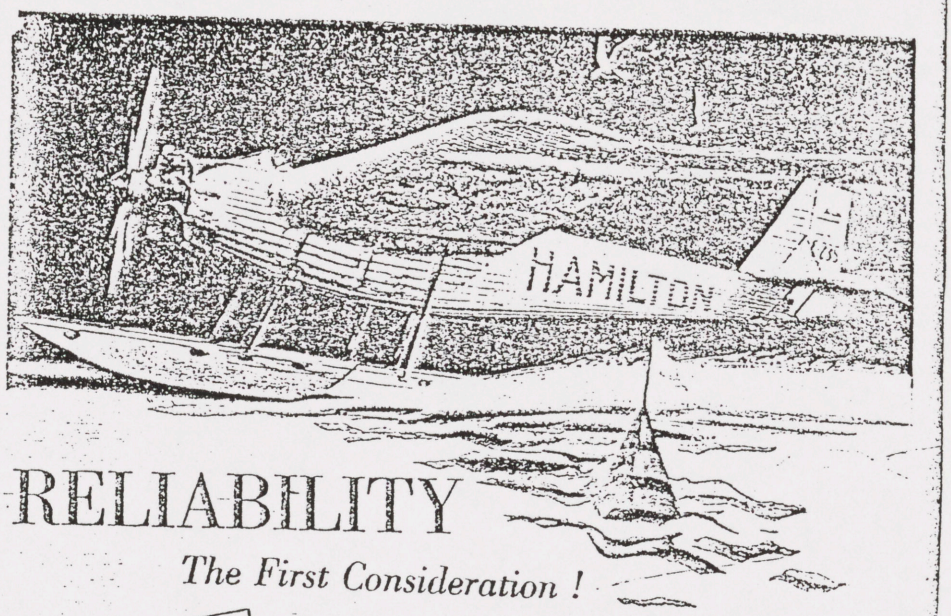

RELIABILITY

The First Consideration !

HAMILTON METALPLANE
SPECIFICATIONS

TYPE — CABIN TYPE SEA-PLANE, COMMERCIAL TRANSPORT

Length overall	34' 10½"
Height overall	9' 1"
Span overall	43' 0"
Crew and passengers, number	Six
Power plant, Wright Whirlwind J5	

WING DATA

Curve	N.A.C.A. 81 Modified
Span	43' 0"
Area (square feet)	300
Aspect ratio	7.3

WEIGHTS

Weight empty	2150
Useful load	1600
Gross weight	3750

SAFETY FACTORS

The following safety factors are all higher than required by the Department of Commerce:

Wing structure (high incidence)	8½
Wing structure (low incidence)	5½
Wing fittings	15
Wing bolts	20
Landing gear fittings	15
Landing gear bolts	20

All other factors conform to those specified by the Department of Commerce for class 3 airplanes.

PERFORMANCE

Maximum speed with normal load	110 M.P.H.
Landing speed	50 M.P.H.

America's First All-Metal Seaplane . . .

BY actual performance under both normal and adverse flying conditions, the Hamilton Metalplane has convincingly proven its air worthiness and reliability.

An entirely enclosed cabin provides protection and comfortable seating arrangement for four passengers, two of the seats folding out of the way. Unusual visibility is afforded by means of transparent sections at the junction of the wing and cabin, allowing direct downward view. The pilots compartment is forward and above, well sheltered.

In addition to the many safety factors incorporated in the design, the all-metal duralumin construction provides unusual durability and renders the plane weather-proof — a distinct advantage when no hangar is available. Ease of operation maneuverability and economy make it an ideal carrier where steady, rugged service is demanded. The Hamilton Metalplane can be supplied either as a twin float sea plane or land plane.

More complete information will be gladly sent upon request.

Hamilton

HAMILTON METALPLANE COMPANY

MILWAUKEE, WISCONSIN

AN INDICATION THAT METAL WOULD REPLACE WOOD IN AIRCRAFT CONSTRUCTION APPEARED IN THIS PERIOD. STOUT AND LENERT WERE TWO OTHER MANUFACTURERS FEATURING METAL CONSTRUCTION.